

**Claims**

What is claimed is:

- 1 1. An abrasive pad for delivering a skin treatment for the treatment of animal and marine stings, comprising:
  - 3 a material having an abrasive surface, wherein said surface is sufficiently abrasive to
  - 4 mechanically abrade at least the stratum corneum from a patient's skin; and
  - 5 a treatment solution applied to said material for contact with the patient's skin, wherein
  - 6 said treatment solution comprises a solution of 65.0% to 98.0% aloe vera and 0.1% to 20.0%
  - 7 of at least one proteolytic enzyme and said treatment solution contains substantially no added
  - 8 water.
- 1 2. The abrasive pad according to claim 1, wherein said pad is multilayered.
- 1 3. The abrasive pad according to claim 1, wherein said pad comprises an absorbent
- 2 material carrying said treatment solution, and a porous abrasive material.
- 1 4. The abrasive pad according to claim 1, wherein said pad comprises a burstable
- 2 receptacle containing said treatment solution.
- 1 5. The abrasive pad according to claim 1, wherein said pad comprises three layers
- 2 including two outer layers and a central layer, at least one of the outer layers being of an
- 3 abrasive material, and the burstable receptacle forming the central layer.
- 1 6. The abrasive pad according to claim 1, wherein a plurality of burstable receptacles are
- 2 provided, at least one of said burstable receptacles containing a different treatment solution
- 3 from at least one other of said burstable receptacles.
- 1 7. The abrasive pad according to claim 1, wherein said abrasive surface is formed of
- 2 matted non-woven fibers.

1    8.    The abrasive pad according to claim 1, wherein said abrasive surface is formed of a  
2    loop fabric.

1    9.    The abrasive pad according to claim 1, wherein said abrasive surface is sponge-like.

1    10.   The abrasive pad according to claim 1, wherein said pad includes a mitt adapted to be  
2    worn over a hand of a user.

1    11.   The abrasive pad according to claim 1, wherein 0.1% to 5.0% of said solution  
2    comprises said at least one proteolytic enzyme.

1    12.   The abrasive pad according to claim 11, wherein 0.9% to 1.1% of said solution  
2    comprises said at least one proteolytic enzyme.

1    13.   The abrasive pad according to claim 1, wherein said at least one proteolytic enzyme is  
2    papain.

1    14.   The abrasive pad according to claim 1, wherein 90.0% to 98% of said solution  
2    comprises aloe vera.

1    15.   The abrasive pad according to claim 1, wherein 1.0% to 10.0% of said solution  
2    comprises at least one humectant.

1    16.   The abrasive pad according to claim 15, wherein said at least one humectant is  
2    glycerin.

1    17.   The abrasive pad according to claim 1, wherein 0.1% to 5.0% of said solution  
2    comprises at least one viscosity agent.

1    18.   The abrasive pad according to claim 17, wherein said at least one viscosity agent is at  
2    least one of sodium chloride and xanthan gum.

- 1    19.   The abrasive pad according to claim 1, wherein 0.05% to 1.0% of said solution  
2    comprises at least one pH stabilizer.
- 1    20.   The abrasive pad according to claim 19, wherein said pH stabilizer is  
2    aminomethylpropanol.
- 1    21.   The abrasive pad according to claim 1, wherein 0.05% to 1.1% of said solution  
2    comprises at least one anti-bacterial agent.
- 1    22.   The abrasive pad according to claim 21, wherein said at least one anti-bacterial agent  
2    is at least one of diazolidinyl urea and triclosan.
- 1    23.   The abrasive pad according to claim 1, wherein 0.05% to 0.25% of said solution  
2    comprises at least one fungal agent.
- 1    24.   The abrasive pad according to claim 23, wherein said at least one fungal agent is at  
2    least one of methylparaben and propylparaben.
- 1    25.   The abrasive pad according to claim 1, wherein said solution comprises at least one  
2    surfactant.
- 1    26.   The abrasive pad according to claim 1, wherein said solution comprises at least one  
2    antitoxin.
- 1    27.   The abrasive pad according to claim 1, wherein said solution comprises at least one  
2    antiseptic.
- 1    28.   The abrasive pad according to claim 1, wherein said solution comprises at least one  
2    alcohol.

- 1 29. The abrasive pad according to claim 1, wherein the sting has been caused by an
- 2 arthropod.
- 1 30. The abrasive pad according to claim 29, wherein the arthropod is *Solenopsis Invicta*.
- 1 31. The abrasive pad according to claim 1, wherein the sting was caused by a cnidarian.
- 1 32. The abrasive pad according to claim 31, wherein the cnidarian is a larval of the thimble
- 2 jellyfish.
- 1 33. A solution for treating animal and marine stings, comprising:
  - 2 65.0% to 98.0% aloe vera; and
  - 3 0.1% to 20.0% of at least one proteolytic enzyme;
  - 4 wherein said solution contains substantially no added water.
- 1 34. The solution according to claim 33, wherein 0.1% to 5.0% of said solution comprises
- 2 said at least one proteolytic enzyme.
- 1 35. The solution according to claim 34, wherein 0.9% to 1.1% of said solution comprises
- 2 said at least one proteolytic enzyme.
- 1 36. The solution according to claim 33, wherein said at least one proteolytic enzyme is
- 2 papain.
- 1 37. The solution according to claim 33, wherein 90.0% to 98% of said solution comprises
- 2 aloe vera.
- 1 38. The solution according to claim 33, wherein 1.0% to 10.0% of said solution comprises
- 2 at least one humectant.
- 1 39. The solution according to claim 38, wherein said at least one humectant is glycerin.

- 1 40. The solution according to claim 33, wherein 0.1% to 5.0% of said solution comprises  
2 at least one viscosity agent.
- 1 41. The solution according to claim 40, wherein said at least one viscosity agent is at least  
2 one of sodium chloride and xanthan gum.
- 1 42. The solution according to claim 33, wherein 0.05% to 1.0% of said solution comprises  
2 at least one pH stabilizer.
- 1 43. The solution according to claim 42, wherein said at least one pH stabilizer is  
2 aminomethylpropanol.
- 1 44. The solution according to claim 33, wherein 0.05% to 1.1% of said solution comprises  
2 at least one anti-bacterial agent.
- 1 45. The solution according to claim 44, wherein said at least one anti-bacterial agent is at  
2 least one of diazolidinyl urea and triclosan.
- 1 46. The solution according to claim 33, wherein 0.05% to 0.25% of said solution comprises  
2 at least one fungal agent.
- 1 47. The solution according to claim 46, wherein said at least one fungal agent is at least  
2 one of methylparaben and propylparaben.
- 1 48. The solution according to claim 33, wherein said solution comprises at least one  
2 surfactant.
- 1 49. The solution according to claim 33, wherein said solution comprises at least one  
2 antitoxin.

1    50.    The solution according to claim 33, wherein said solution comprises at least one  
2    antiseptic.

1    51.    The solution according to claim 33, wherein said solution comprises at least one  
2    alcohol.